

ERICSSON



December 22, 2005

EUS/JIP/05-8487

22 DEC 2005

1617

130.00

Via EFS-Web (Beta)

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or being transmitted via facsimile or EFS-Web (Beta) to the USPTO on the date indicated below.

Date: December 22, 2005

Pamela S. Newton
Pamela S. Newton

Re: Patent Application for:
"METHOD AND CORRESPONDING ARRANGEMENT FOR DC OFFSET
COMPENSATION USING CHANNEL ESTIMATION"
Serial No. 10/534,923
Attorney Docket No. P16738-US2

Dear Sir or Madam:

Enclosed for filing are the following:

- (1) Copy of Notification of Missing Requirements (2 pages);
- (2) Executed Declaration & Power of Attorney (4 pages).

The commissioner is hereby authorized to charge the \$130.00 late oath surcharge and any additional filing fees associated with this communication or credit any overpayment to Deposit Account No. 50-1379.

If you have any questions or comments concerning this matter, please feel free to contact the undersigned at 972-583-4145.

Sincerely,

Michael Cameron
Reg. No. 50,298

MGC/psn

6/16/2005 PERSON 00000001 501379 10534923

Ericsson Inc.
6300 Legacy Drive
P.O. Box 1450
Palo, Texas 75024

Telephone: 972.583.0000



Electronic Patent Application Fee Transmittal

Application Number:	10534923			
Filing Date:				
Title of Invention:	Method and corresponding arrangement for dc offset compensation using channel estimation			
First Named Inventor:	Shousheng He			
Filer:	Steven Ware Smith/Pam Newton			
Attorney Docket Number:	47253-00061USPX			
Filed as Large Entity				
Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Oath/decl > 30 months from priority date	1617	1	130	130
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issurance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				130

Electronic Acknowledgement Receipt

EFS ID:	1001242
Application Number:	10534923
Confirmation Number:	1771
Title of Invention:	Method and corresponding arrangement for dc offset compensation using channel estimation
First Named Inventor:	Shousheng He
Customer Number:	23932
Filer:	Steven Ware Smith/Pam Newton
Filer Authorized By:	Steven Ware Smith
Attorney Docket Number:	47253-00061USPX
Receipt Date:	22-DEC-2005
Filing Date:	
Time Stamp:	16:13:35
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	
RAM confirmation Number	15
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
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1		05.9287.Response.to.Missin g.Requirements.pdf	338945	yes	7
	Multipart Description				
	Doc Desc		Start	End	
	Applicant Response to Pre-Exam Formalities Notice		1	3	
	Oath or Declaration filed		4	7	
Warnings:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	6761	no	2
Warnings:					
Total Files Size (In bytes):			345706		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p>					

Electronic Acknowledgement Receipt

EFS ID:	1002966
Application Number:	10534923
Confirmation Number:	1771
Title of Invention:	Method and corresponding arrangement for dc offset compensation using channel estimation
First Named Inventor:	Shousheng He
Customer Number:	23932
Filer:	Steven Ware Smith/Pam Newton
Filer Authorized By:	Steven Ware Smith
Attorney Docket Number:	47253-00061USPX
Receipt Date:	23-JAN-2006
Filing Date:	
Time Stamp:	21:12:46
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1	Power of Attorney (may include Associate POA)	16738-2.pdf	284217	no	3

Warnings:

Total Files Size (In bytes):	284217
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

Electronic Acknowledgement Receipt

EFS ID:	1001046
Application Number:	10534923
Confirmation Number:	1771
Title of Invention:	Method and corresponding arrangement for dc offset compensation using channel estimation
First Named Inventor:	Shousheng He
Customer Number:	23932
Filer:	Steven Ware Smith/Pam Newton
Filer Authorized By:	Steven Ware Smith
Attorney Docket Number:	47253-00061USPX
Receipt Date:	22-DEC-2005
Filing Date:	
Time Stamp:	16:15:01
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1	Information Disclosure Statement (IDS) Filed	05.9287.IDS.pdf	1877121	no	4

Warnings:

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form.

You may remove the form to add the recorded data in order to correct the Warning Message or, if you chose not to, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	NPL Documents	Johansson..System.Modelin g.and.Identification.pdf	593047	no	7
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Warnings:

Total Files Size (In bytes):	2470168
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

22 DEC 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

P16738-2

U.S. APPLICATION NUMBER NO. 10/534,923	FIRST NAMED APPLICANT Shousheng He	ATTY. DOCKET NO. 47253-00061USPX
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23832
JENKENS & GILCHRIST, PC
1445 ROSS AVENUE
SUITE 3200
DALLAS, TX 75202

RECEIVED

NOV 1 9 2005

US LEC

INTELLECTUAL PROPERTY

NOV 1 4 2005

JENKENS & GILCHRIST

INTERNATIONAL APPLICATION NO.

PCT/EP03/11224

I.A. FILING DATE

10/09/2003

PRIORITY DATE

11/20/2002

CONFIRMATION NO. 1771

371 FORMALITIES LETTER



OC00000017167212

Date Mailed: 11/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/10/2005
- Copy of the International Search Report filed on 05/10/2005
- Copy of IPE Report filed on 05/10/2005
- Preliminary Amendments filed on 05/10/2005
- Information Disclosure Statements filed on 05/10/2005
- Oath or Declaration filed on 05/10/2005
- Request for Immediate Examination filed on 05/10/2005
- Copy of references cited in ISR filed on 05/10/2005
- U.S. Basic National Fees filed on 05/10/2005
- Priority Documents filed on 05/10/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

TRANSFERRED TO: Pam Schubert
DATE: 8/31/05; Box 413; Phase 3
REVIEWED BY: mm

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/534,923	PCT/EP03/11224	47253-00061USPX